## RECEIVED

JUL **3 1** 2003 TECH CENTER 1600/2900

## SEQUENCE LISTING

```
<110> Liu, et al.
       Liu, Qingyun
       McDonald, Terrence P.
       Wang, Ruiping
<120> G PROTEIN-COUPLED RECEPTOR RESEMBLING
  THE THROMBIN RECEPTOR
<130> 20330P
<140> 09/806,087
<141> 2001-07-02
<150> PCT/US99/22634
<151> 1999-09-29
<150> 60/102,958
<151> 1998-10-02
<160> 19
<170> FastSEO for Windows Version 4.0
<210> 1
<211> 1192
<212> DNA
<213> Homo Sapiens
cccgggcgag gacccctcca ggatgcaggt cccgaacagc accggcccgg acaacgcgac 60
gctgcagatg ctgcggaacc cggcgatcgc ggtggccctg cccgtggtgt actcgctggt 120 ggcggcggtc agcatcccgg gcaacctctt ctctctgtgg gtgctgtgcc ggcgcatggg 180 gcccagatcc ccgtcggtca tcttcatgat caacctgagc gtcacggacc tgatgctggc 240
cagegtgttg cetttecaaa tetaetacea ttgeaacege caccactggg tatteggggt 300
gctgctttgc aacgtggtga ccgtggcctt ttacgcaaac atgtattcca gcatcctcac 360
catgacetgt atcagegtgg agegetteet gggggteetg taecegetea getecaageg 420 etggegeege egtegttaeg eggtggeege gtgtgeaggg acetggetge tgeteetgae 480
egecetytee eegetygege geaeegatet eaectaceeg gtgeaegeee tyggeateat 540
cacctgette gaegteetea agtggaegat geteeceage gtggeeatgt gggeegtgtt 600
cetetteace atetteatee tgetgtteet catecegtte gtgateaceg tggettgtta 660 caeggeeace atecteaage tgttgegeac ggaggaggeg caeggeeggg ageageggag 720
gegegeggtg ggeetggeeg eggtggtett getggeettt gteacetget tegeececaa 780
caacttegtg etectggege acategtgag eegeetgtte taeggeaaga getaetaeea 840
cgtgtacaag ctcacgctgt gtctcagctg cctcaacaac tgtctggacc cgtttgttta 900
ttactttgcg tcccgggaat tccagctgcg cctgcgggaa tatttgggct gccgcgggt 960 gcccagagac accctggaca cgcgccgcga gagcctcttc tccgccagga ccacgtccgt 1020
gegeteegag geeggtgege accetgaagg gatggaggga geeaceagge eeggeeteea 1080
gaggcaggag agtgtgttct gagtcccggg ggcgcagctt ggagagccgg gggcgcagct 1140
tggagatcca ggggcgcatg gagaggccac ggtgccagag gttcagggag aa
<210> 2
<211> 359
<212> PRT
<213> Homo Sapiens
Met Gln Val Pro Asn Ser Thr Gly Pro Asp Asn Ala Thr Leu Gln Met
Leu Arg Asn Pro Ala Ile Ala Val Ala Leu Pro Val Val Tyr Ser Leu
```

```
25
            20
Val Ala Ala Val Ser Ile Pro Gly Asn Leu Phe Ser Leu Trp Val Leu
                           40
                                                45
Cys Arg Arg Met Gly Pro Arg Ser Pro Ser Val Ile Phe Met Ile Asn
                       55
                                            60
Leu Ser Val Thr Asp Leu Met Leu Ala Ser Val Leu Pro Phe Gln Ile
                    70
                                        75
Tyr Tyr His Cys Asn Arg His His Trp Val Phe Gly Val Leu Leu Cys
               85
                                    90
Asn Val Val Thr Val Ala Phe Tyr Ala Asn Met Tyr Ser Ser Ile Leu
            100
                                105
Thr Met Thr Cys Ile Ser Val Glu Arg Phe Leu Gly Val Leu Tyr Pro
                           120
       115
Leu Ser Ser Lys Arg Trp Arg Arg Arg Tyr Ala Val Ala Ala Cys
                        135
                                            140
Ala Gly Thr Trp Leu Leu Leu Thr Ala Leu Ser Pro Leu Ala Arg
                                       155
                   150
Thr Asp Leu Thr Tyr Pro Val His Ala Leu Gly Ile Ile Thr Cys Phe
               165
                                    170
                                                        175
Asp Val Leu Lys Trp Thr Met Leu Pro Ser Val Ala Met Trp Ala Val
                                                    190
            180
                               185
Phe Leu Phe Thr Ile Phe Ile Leu Leu Phe Leu Ile Pro Phe Val Ile
                           200
                                                205
Thr Val Ala Cys Tyr Thr Ala Thr Ile Leu Lys Leu Leu Arg Thr Glu
                        215
                                            220
Glu Ala His Gly Arg Glu Gln Arg Arg Ala Val Gly Leu Ala Ala
                                       235
                   230
Val Val Leu Leu Ala Phe Val Thr Cys Phe Ala Pro Asn Asn Phe Val
               245
                                    250
Leu Leu Ala His Ile Val Ser Arg Leu Phe Tyr Gly Lys Ser Tyr Tyr
           260
                               265
His Val Tyr Lys Leu Thr Leu Cys Leu Ser Cys Leu Asn Asn Cys Leu
       275
                           280
Asp Pro Phe Val Tyr Tyr Phe Ala Ser Arg Glu Phe Gln Leu Arg Leu
   290
                        295
                                            300
Arg Glu Tyr Leu Gly Cys Arg Arg Val Pro Arg Asp Thr Leu Asp Thr
                   310
                                        315
Arg Arg Glu Ser Leu Phe Ser Ala Arg Thr Thr Ser Val Arg Ser Glu
                325
                                    330
                                                        335
Ala Gly Ala His Pro Glu Gly Met Glu Gly Ala Thr Arg Pro Gly Leu
           340
Gln Arg Gln Glu Ser Val Phe
        355
```

<210> 3 <211> 373 <212> PRT <213> Homo Sapiens

<400>3Glu Pro Phe Trp Glu Asp Glu Glu Lys Asn Glu Ser Gly Leu Thr Glu Tyr Arg Leu Val Ser Ile Asn Lys Ser Ser Pro Leu Gln Lys Gln Leu 2.0 Pro Ala Phe Ile Ser Glu Asp Ala Ser Gly Tyr Leu Thr Ser Ser Trp Leu Thr Leu Phe Val Pro Ser Val Tyr Thr Gly Val Phe Val Val Ser Leu Pro Leu Asn Ile Met Ala Ile Val Val Phe Ile Leu Lys Met Lys Val Lys Lys Pro Ala Val Val Tyr Met Leu His Leu Ala Thr Ala Asp

					85					90					95		
	Val	Leu	Phe	Val		Val	Leu	Pro	Phe 105	Lys	Ile	Ser	Tyr	Tyr 110	Phe	Ser	
	Gly	Ser	Asp 115		Gln	Phe	Gly	Ser 120		Leu	Cys	Arg	Phe 125		Thr	Ala	
	Ala			Cys	Asn	Met	Tyr 135		Ser	Ile	Leu	Leu 140		Thr	Val	Ile	
		130 Ile	Asp	Arg	Phe		Ala	Val	Val	Tyr	Pro 155		Gln	Ser	Leu	Ser 160	
	145 Trp	Arg	Thr	Leu		150 Arg	Ala	Ser	Phe	Thr 170		Leu	Ala	Ile	Trp 175		
	Leu	Ala	Ile		165 Gly	Val	Val	Pro	Leu 185		Leu	Lys	Glu	Gln 190		Ile	
	Gln	Val	Pro 195	180 Gly	Leu	Asn	Ile	Thr 200		Cys	His	Asp	Val 205		Asn	Glu	
	Thr	Leu 210		Glu	Gly	Tyr	Tyr 215		Tyr	Tyr	Phe	Ser 220		Phe	Ser	Ala	
	Val 225		Phe	Phe	Val	Pro 230	Leu	Ile	Ile	Ser	Thr 235		Cys	Tyr	Val	Ser 240	
		Ile	Arg	Cys	Leu 245		Ser	Ser	Ala	Val 250		Asn	Arg	Ser	Lys 255		
	Ser	Arg	Ala	Leu 260		Leu	Ser	Ala	Ala 265		Phe	Cys	Ile	Phe 270		Ile	
	Cys	Phe	Gly 275		Thr	Asn	Val	Leu 280		Ile	Ala	His	Tyr 285		Phe	Leu	
	Ser	His 290		Ser	Thr	Thr	Glu 295		Ala	Tyr	Phe	Ala 300		Leu	Leu	Cys	
	Val 305		Val	Ser	Ser	Ile 310	Ser	Ser	Cys	Ile	Asp 315		Leu	Ile	Tyr	Tyr 320	
		Ala	Ser	Ser	Glu 325		Gln	Arg	Tyr	Val 330		Ser	Ile	Leu	Cys 335	Cys	
	Lys	Glu	Ser	Ser 340		Pro	Ser	Ser	Tyr 345		Ser	Ser	Gly	Gln 350		Met	
	Ala	Ser	Lys 355		Asp	Thr	Cys	Ser 360		Asn	Leu	Asn	Asn 365	Ser	Ile	Tyr	
	Lys	Lys 370	Leu	Leu	Thr												
	<210 <211	)> 4 .> 18	3														
<212> DNA <213> Homo Sapiens																	
	<400	)> 4		_													
	acco	ctcc	cag g	gatgo	cagg												18
	<210 <211	)> 5 .> 18	3														
<212> DNA <213> Homo Sapiens																	
<400> 5																	
	acto	agaa	aca c	cacto	ctcc												18
<210> 6 <211> 27																	
<212> DNA <213> Homo Sapiens																	
<400> 6 geggeegete cetgaacete tggeace 27																	
	gcgg	geege	ctc o	cctga	aacct	ic to	ggcad	CC									27

<210> 7 <211> 23 <212> DNA <213> Homo	Sapiens	
<400> 7 gcggtaccat	gcaggtcccg aac	23
<210 > 8 <211 > 20 <212 > DNA <213 > Homo	Sapiens	
<400> 8 gctacttctg	ccgctgcttc	20
<210> 9 <211> 18 <212> DNA <213> Homo	Sapiens	
<400> 9 tgctgaccgc	ccccacca	18
<210> 10 <211> 19 <212> DNA <213> Homo	Sapiens	
<400> 10 accattgcaa	ccgccacca	19
<210> 11 <211> 21 <212> DNA <213> Homo	Sapiens	
<400> 11 ggtacaggac	ccccaggaag c	21
<210> 12 <211> 18 <212> DNA <213> Homo	Sapiens	
<400> 12 ggtggcggcg	gtcagcat	18
<210> 13 <211> 21 <212> DNA <213> Homo	Sapiens	
<400> 13 aagcagcacc	ccgaataccc a	21
<210> 14 <211> 18 <212> DNA <213> Homo	Sapiens	

<400> 14 tcccgggctc	tgaggcac	18
<210> 15 <211> 18 <212> DNA <213> Homo	Sapiens	
<400> 15 tgcagcgtcg	cgttgtcc	18
<210> 16 <211> 20 <212> DNA <213> Homo	Sapiens	
<400> 16 ggggatgtgc	tgcaaggcga	20
<210> 17 <211> 22 <212> DNA <213> Homo	Sapiens	
<400> 17 ccagggtttt	cccagtcacg ac	22
<210> 18 <211> 25 <212> DNA <213> Homo	Sapiens	
<400> 18 cccaggcttt	acactttatg cttcc	25
<210> 19 <211> 25 <212> DNA <213> Homo	Sapiens	
<400> 19 ttgtgtggaa	ttgtgagcgg ataac	25